

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Plums		Page 1 of 6
Title: Commodity Specific Requirements for Plums		
Revision: 3	Replaces: 04/01/05	Effective: 10/01/05

1. Purpose:

To provide a listing of PDP identified required compounds for plums.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing plums for PDP. This SOP shall be used in conjunction with QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- USDA/AMS PDP Quality Assurance-Technical Meeting, March 22-24, 2005
- PDP Program Plan, January – June 2005
- SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds and PDP Commodity Groupings”
- Pesticide Chemical News Guide (PCNG)

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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Compounds Required for Plums Multi Residue Screens

Plums Compound	Reported As	Pest Code	Priorit y
Acephate		204	3
Aldrin		001	3
Allethrin		002	1
Azinphos methyl		042	3
Bendiocarb		658	2
BHC alpha		903	3
Bifenthrin		930	1
Captan	THPI	011	3
Carbaryl		102	2
Chlordane	Chlordane cis	173	3
	And Chlordane trans	172	
	Or Chlordane (total)	014	
Chlorothalonil		164	3
Chlorpyrifos		160	3
Cyfluthrin		781	1
Cyhalothrin	Cyhalothrin, lambda and Cyhalothrin, epimer R157836 or Cyhalothrin, total (L- cyhalothrin+R157836 epimer)	AEM AEN AEL	1
Cypermethrin		597	1
Cyprodinil		B22	3
DDD	DDD o,p' and/or DDD p,p' or DDD (total)	909 908 087	3
DDE	DDE o,p= and/or DDE p,p=	911 910	3

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Plums Compound	Reported As	Pest Code	Priority
	or DDE (total)	300	
DDT	DDT o,p'	907	3
	and/or DDT p,p'	906	
	or DDT (total)	022	
Deltamethrin (includes parent tralomethrin)		612	1
Diazinon		024	3
Diazinon O-analog		395	3
Dichlobenil		324	3
Dichlorvos (DDVP)		338	3
Dicloran		144	3
Dicofol	Dicofol o,p=	253	3
	and/or Dicofol p,p=	254	
	or Dicofol (total)	047	
Dieldrin		028	3
Endosulfan I		900	3
Endosulfan II		901	3
Endosulfan sulfate		902	3
Esfenvalerate	Esfenvalerate+Fenvalerate	ADE	1
Fenhexamid		B41	4
Fludioxonil		B23	3
Fluridone		736	3
Heptachlor		044	3
Heptachlor epoxide		143	3
Iprodione		626	3
Lindane		050	3
Malathion		052	3

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Plums Compound	Reported As	Pest Code	Priority
Malathion O-analog		208	3
Metalaxyl		607	3
Methamidophos		170	3
Methidathion		197	2
Metolachlor		283	3
Myclobutanil		679	2
Napropamide		594	3
Norflurazon		596	3
Norflurazon desmethyl		AAS	3
o-Phenylphenol		083	3
Oxydemeton methyl sulfone		245	3
Oxyfluorfen		713	3
Phosalone		166	3
Phosmet		165	3
Piperonyl butoxide		070	2
Prallethrin		ADC	1
Pronamide		540	3
Propetamphos		636	3
Propiconazole		264	2
Pyridaben		ABL	3
Pyriproxyfen		B24	3
Simazine		149	2
Tetradifon		108	3
Trifluralin		151	3

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Chris Pappas

9/12/05

Revised By: Chris Pappas
PDP Document Control Officer, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

Harnek Nijjar

9/13/05

Reviewed By: Harnek Nijjar
Presiding Member of PDP Technical Advisory Group
California Department of Food and Agriculture
Center for Analytical Chemistry
3292 Meadowview Road
Sacramento, CA 95832
(916) 262-1498

Date

Diana Haynes

9/15/05

Approved By: Diana Haynes
PDP Technical Director, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

Martha Lamont

9/15/05

Approved By: Martha Lamont
PDP Program Administrative Director, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

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August 2005

Monitoring Programs Office

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